

1 **1145-2 MATERIALS**

2 Refer to Division 10.

Item

Barricades

Section

1089-3

3 Provide barricades that meet NCHRP 350 for Category II traffic control devices and are on
4 the NCDOT Approved Product List.

5 **1145-3 CONSTRUCTION METHODS**

6 At the end of the workday, properly close the road where construction equipment accesses
7 a road closure through Type III barricades.

8 Use sandbags or other approved ballasting methods to prevent overturning of barricades by
9 the wind. If needed, place sandbags or other acceptable ballasting on the feet of the frame.
10 Do not ballast barricades with objects such as rocks or chunks of concrete.

11 Do not anchor barricades to any pavement surfaces unless such anchoring method has passed
12 the crash test requirement of NCHRP 350 for work zone category II devices.

13 Point the striped diagonals on the barricade rails in the direction of traffic flow.

14 **1145-4 MAINTENANCE**

15 Periodically inspect barricades and ballast. Replace any ballast as needed, including sandbags
16 that have loose sand outside the bag.

17 **1145-5 MEASUREMENT AND PAYMENT**

18 *Barricades (Type III)* will be measured and paid as the maximum number of linear feet of
19 barricades acceptably placed and in use at any one time during the life of the project.
20 Measurement will be made of the total length of each barricade along one rail.

21 Relocation, replacement, repair and maintenance of barricade will be incidental to the work of
22 this section.

23 Payment will be made under:

Pay Item

Barricades (Type III)

Pay Unit

Linear Foot

24 **SECTION 1150**
25 **FLAGGERS**

26 **1150-1 DESCRIPTION**

27 Furnish, relocate and maintain the flaggers, hats, vests, STOP/SLOW paddles and any other
28 incidentals necessary to control traffic.

29 **1150-2 MATERIALS**

30 Refer to Division 10.

Item

Flaggers

Section

1089-10

31 Refer to *Roadway Standard Drawings* No. 1150.01.

Section 1160

1150-3 CONSTRUCTION METHODS

Provide the service of properly equipped and qualified flaggers (see *Roadway Standard Drawings* No. 1150.01) at locations and times for such period as necessary for the control and protection of vehicular and pedestrian traffic. Anyone who controls traffic is required to be qualified. Qualification consists of each flagger receiving proper training in the set-up and techniques of safely and competently performing a flagging operation. Qualification of flaggers is to be done by an NCDOT approved training agency or other approved training provider. For a complete listing of these, see the Work Zone Traffic Control's webpage.

Prior to beginning work on the project, a Qualification Statement that all flaggers used on the project have been properly trained through an NCDOT approved training resource shall be provided to the Engineer.

Use flagging methods that comply with the guidelines in the MUTCD.

1150-4 MEASUREMENT AND PAYMENT

Flagging conducted for the convenience of the Contractor's operations is not compensated. The Department will pay for flaggers, including those used at Y-lines that are used in conjunction with a lane closure. Flaggers used for operations not involving a lane closure will be incidental to that operation and no payment will be made. Flaggers used for hauling operations, where the only need for a lane closure is due to the hauling operation, will be incidental to that operation and no payment will be made.

Any flagger used for less than one hour will be incidental to that operation.

Flagger (Day) will be measured and paid as the actual number of days that each flagger is satisfactorily provided and accepted by the Engineer during the life of the project. On any calendar day that more than one flagger is used, the quantity to be paid on that calendar day will be the maximum number of flaggers used at one time in that calendar day.

Flagger (Hour) will be measured and paid as the actual number of hours that each flagger is satisfactorily provided and accepted by the Engineer during the life of the project.

Payment will be made under:

Pay Item	Pay Unit
Flagger	Day
Flagger	Hour

SECTION 1160 TEMPORARY CRASH CUSHIONS

1160-1 DESCRIPTION

Furnish, install, maintain, reset and remove temporary crash cushions.

1160-2 MATERIALS

Refer to Division 10.

Item	Section
Temporary Crash Cushions	1089-8

Use temporary crash cushions that meet NCHRP 350 Test Level II or III for transportation management devices and are on the NCDOT Approved Product List.

Historical performance of the temporary crash cushions will help determine the future use of the material by the Department. Poor performance of temporary crash cushions at any site, whether or not related to a specific contract, may be grounds for non-acceptance of a product on any project under contract.